



Course Specifications

Institution:	College of Dentistry
Academic Department :	Preventive dental sciences [PDS]
Programme :	Bachelor of Dentistry [BDS]
Course :	Clinical periodontics II
Course Coordinator :	Dr. Mohamed Helmy Salama
Programme Coordinator :	Dr. Abdul Rahman Al atram
Course Specification Approved Date :	28/12/ 1435H



A. Course Identification and General Information

1 - Course title :	Clinical periodontics II	Course Code:	413 PDS
2. Credit hours :	2 hr per week in 1 st and 2 nd semester		
3 - Program(s) in which the course is offered:	.....	
4 – Course Language :	English		
5 - Name of faculty member responsible for the course:	Dr. Mohamed Helmy Salama		
6 - Level/year at which this course is offered :	4th Year 1st & 2nd Semester		
7 - Pre-requisites for this course (if any) :	<ul style="list-style-type: none"> • Clinical periodontics I 		
8 - Co-requisites for this course (if any) :	<ul style="list-style-type: none"> • None 		
9 - Location if not on main campus :	(.....)		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	100 %
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage? %
D - e-learning	<input type="checkbox"/>	What percentage? %
E - Correspondence	<input type="checkbox"/>	What percentage? %
F - Other	<input type="checkbox"/>	What percentage? %
Comments :	Lectures are uploaded online and practicals are conducted in the lab		

B Objectives

<p>What is the main purpose for this course?</p> <p>The students will be able to understand</p> <ol style="list-style-type: none"> To perform a comprehensive diagnosis, discuss prognosis and make treatment plan which includes the specific surgical approaches necessary. To master the motivation and oral hygiene instruction of patients in addition to subgingival scaling and root planing. To describe the indication and procedure of specific surgical technique To understands the objective and different procedures of crown lengthening technique.





5. To understand the importance of post surgical follow up and wound healing.
6. To assess and evaluate the result of the performed therapy and project the long term result.
7. To understand the role of trauma from occlusion in the etiology of periodontal disease.
8. To introduce Implant Dentistry from surgical point of view.
9. To develop the necessary knowledge for peri-implant structure and skills for surgery

Briefly describe any plans for developing and improving the course that are being implemented :

The course will be taken with the help of power point and videos. In addition increased use of audiovisual aids like models, presentation and pictures would be recommended.

C. Course Description

This course extends students' knowledge on the basic principles and techniques of advanced periodontal therapy. The interrelationship between periodontics and other dental specialties is highlighted in this course. Students get to perform standard treatment procedures for more advanced periodontally involved patients and introduced to the surgical approaches in the management of severe periodontal cases by assessing clinical instructors during performance of periodontal surgical procedures. The role of occlusion in periodontal diseases and management is covered in this course. In addition, periodontal management of oral tissues around dental implants and new advancements in the discipline of periodontics are discussed.

1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
Introduction Periodontium and related structures.	1	1
Periodontal instruments, principles of instrumentation (Advanced).	2	2
Systematic and Local Anti-Microbial Agents in Periodontal Therapy.	2	2
Periodontal Response to External Forces and Managements of Teeth Mobility.	1	1
Periodontal- Endodontic Continuum.	1	1
Surgical phase of periodontal therapy; general principles.	1	1
Gingival enlargement.	1	1



Treatment of gingival overgrowth / Gingivectomy and Gingivoplasty.	1	1
Periodontal flaps and the Flap Technique for Pocket Therapy.	2	2
Regenerative Osseous Surgery; <ul style="list-style-type: none"> • Bone substitutes, • Guided tissue regeneration, • Growth factors, • Root conditioning materials & • Advances in periodontal surgery. 	3	3
Osseous Defects (Classification and Diagnosis) - Furcation: The Problem and It's Management.	2	2
Periodontal Plastics and Esthetic Surgery.	2	2
Preparation of Periodontium for Restorative Dentistry.	1	1
Implant Dentistry: <ul style="list-style-type: none"> • Introduction to implant dentistry. • Clinical consideration and diagnosis. • Implant complications and failure. • Maintenance of dental implants. 	4	4

2. Course components (total contact hours and credits per semester): Semester 1

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	14	.....	.....	14	.....	28
Credit	14	.....	.....	14	.....	28

Semester 2

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	14	14	28





Credit	14	14	28
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3. Additional private study/learning hours expected for students per week.

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4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
1.1	Outline the clinical aspects of the anatomy, physiology, and histology of gingiva.	Lectures, demonstrations	Written examination, Quiz
1.2	1- Lectures (Power point presentations).	Lectures, demonstrations,	Written examination, Quiz, practical examination
١, ٣	2- E- learning assignments (ELAs)	Lectures, demonstrations	Written examination, Quiz, practical examination
١, ٤	3- Clinical demonstrations.	Lectures, demonstrations	Written examination, Quiz, practical examination
2.0	Cognitive Skills		
2.1	Use of more teaching aids during classes with special emphasis on the applied aspects of the structures, imprompt questions asked during the class would also aid in developing cognitive skills. In addition we would design quizzes and assignments in such a way that the students would have to correlate the various topics and information given to them.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
2.2	Use of more teaching aids during classes with special emphasis on the applied aspects of the structures, imprompt questions asked during the class would also aid in developing cognitive skills. In addition we would design quizzes and assignments in such a way that the students would have to correlate the various topics and information given to them.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
3.0	Interpersonal Skills & Responsibility		
3.1	<p>The students will be asked oral questions, debates, group discussions group tasks will be designed so that the students learn to interact with their batchmates. In addition project work will be assigned to small groups so that they learn to take up the responsibility and complete it.</p> <p>Suggested action – better scheduling of all activities and a separate time to be allotted for these activities.</p>	<p>Students will be divided into small groups and tasks will be assigned to the group</p> <p>Part of some lectures will be specified for group discussions.</p>	The group task will be supervised closely to evaluate the work done by each student
4.0	Communication, Information Technology, Numerical		
4.1	Teaching courses in English which will require reading, writing, and oral presentation.	Seminar presentation	Seminar evaluation
4.2	Give the students basic information on how to effectively use the available search engines and softwares. Encourage their active participation during classes and discussions	Research and group discussions	Written examination and research presentation
5.0	Psychomotor		
5.1	Model demonstration.		
5.2	Practice during lab hours. Presentation of the topics through videos		





5. Schedule of Assessment Tasks for Students During the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	In-Course Assessments	.....	60 %
2	Midterm exam		40 %
3	In-course continuous assessment		20 %
4	Behavior and attitude		5 %
5	Research		4 %
6	Homework		4 %
7	Presentation	.....	3 %
8	Quiz	.....	4%
	Final Written Examination		40 %

D. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

Office hours

Tue:

10:00 to 12:00 noon

Wed:

11:00 to 1:00 pm

E. Learning Resources

1. List Required Textbooks :

- **CARRENZA's clinical Periodontology** – Michael G Newmann, Carrenza, Hentry Takei, Perry R, Klokkevold- Elsevier - 2011.





2. List Essential References Materials :

- Text book of Clinical Periodontology and implant dentistry - Jan Lindhe, Niklaus P, Lang And Thorkild, Karring – Blackwell - 2008

3. List Recommended Textbooks and Reference Material :

- Periodontics medicine, surgery, and implants - genco, robert j., cohen, d. Walter, mealey, brian I- 2004

4. List Electronic Materials :

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5. Other learning material :

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F. Facilities Required

1. Accommodation

- A class room with a seating capacity of 30 students
- In clinics, we have well equipped dental chair with modern ultrasonic scaler unit. Separate cabin for each students. Each students will have one set of hand scalers. Good infection control , sterilization procedures are followed
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2. Computing resources

- One computer in the classroom,
- Projector.
- Smart board.
- Data show Projector.
- Smart board.





- Data show

3. Other resources

- Journals
- E- library

G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- The students will be given a feedback form, which can be submitted to the course director or to the dean which will help in improvement of the subject teaching

2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

- The head of the department or the Dean has informal meetings with groups of students to discuss the contents of the course, method of teaching to evaluate the course and the instructor.
- The dean randomly attends lectures to assess the instructor. The power point presentation of each lecture is distributed to all the staff members of the department for evaluation and suggestions for improvement

3 Processes for Improvement of Teaching :

- Teachers will be subjected to go for up gradation of knowledge by attending the relevant conferences and will be encouraged to carry on a self improvement

4. Processes for Verifying Standards of Student Achievement

Other staff members are invited to attend the seminar presentation of students to verify the standards of student learning and their work.

5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :

- Meetings will be conducted every week in the department to update the status of each student and the difficulties felt by the colleague will be resolved accordingly.

Course Specification Approved
Department Official Meeting No (2) Date 28 / 12 / 1435 H

Course's Coordinator

Name : Dr. Mohamed Helmy Salama

Signature :

Date : .../ ... / H

Department Head

Name : Dr. Mohamed Helmy Salama

Signature :

Date : .../ ... / H

